Search Results for: **[optical AND path AND simulation]**
Found **986** of **111,041 searched.** → Rerun within the Portal

Warning: Maximum result set of 200 exceeded. Consider refining.

Search within Results

GO > Advanced Search > Search Help/Tips

Sort by: Title Publication Publication Date Score

Results 1 - 20 of 200 short listing

Prev Page 1 2 3 4 5 6 7 8 9 10 Next Page

1 Algorithms for allocating wavelength converters in all-optical networks 99%
Gaoxi Xiao , Yiu-Wing Leung
IEEE/ACM Transactions on Networking (TON) August 1999
Volume 7 Issue 4

2 Fixed-alternate routing and wavelength conversion in wavelength-routed optical networks 99%
Ramu Ramamurthy , Biswanath Mukherjee
IEEE/ACM Transactions on Networking (TON) June 2002
Volume 10 Issue 3
Consider an optical network which employs wavelength-routing crossconnects that enable the establishment of wavelength-division-multiplexed (WDM) connections between node pairs. In such a network, when there is no wavelength conversion, a connection is constrained to be on the same wavelength channel along its route. Alternate routing can improve the blocking performance of such a network by providing multiple possible paths between node pairs. Wavelength conversion can also improve the blocking ...

3 Computing blocking probabilities in multiclass wavelength routing networks 99%
Sridhar Ramesh , George N. Rouskas , Harry G. Perros
ACM Transactions on Modeling and Computer Simulation (TOMACS) April 2000
Volume 10 Issue 2
We present an approximate analytical method to evaluate efficiently and accurately the call blocking probabilities in wavelength routing networks with multiple classes of calls. The model is fairly general and allows each source-destination pair to service calls of different classes, with each call occupying one wavelength per link. Our approximate analytical approach involves two steps. The arrival process of calls on some routes is first modified slightly to obtain an

approximate multicla ...

4 Effects of wavelength routing and selection algorithms on wavelength conversion gain in WDM optical networks 98%
Ezhan Karasan , Ender Ayanoglu
IEEE/ACM Transactions on Networking (TON) April 1998
Volume 6 Issue 2

5 A path decomposition approach for computing blocking probabilities in wavelength-routing networks 97%
Yuhong Zhu , George N. Rouskas , Harry G. Perros
IEEE/ACM Transactions on Networking (TON) December 2000
Volume 8 Issue 6

6 An analysis of oblivious and adaptive routing in optical networks with wavelength translation 97%
Jonathan P. Lang , Vishal Sharma , Emmanouel A. Varvarigos
IEEE/ACM Transactions on Networking (TON) August 2001
Volume 9 Issue 4
We present an analysis for both oblivious and adaptive routing in regular, all-optical networks with wavelength translation. Our approach is simple, computationally inexpensive, accurate for both low and high network loads, and the first to analyze adaptive routing with wavelength translation in wavelength division multiplexed (WDM) networks while also providing a simpler formulation of oblivious routing with wavelength translation. Unlike some previous analyses which use the link independence b ...

7 A fiber optic hypermesh for SIMD/MIMD machines 96%
Ted Szymanski
Proceedings of the 1990 ACM/IEEE conference on Supercomputing November 1990
A fiber optic multidimensional mesh-based network for SIMD and MIMD multiprocessors is proposed. For the basic building block, a novel distributed optical switch is proposed; The switch requires 50 % fewer lasers/receivers than previous WDM optical crossbars and uses a novel random-access scheme which supports prioritized traffic. To implement very large networks using lasers with limited tunability (or electronic crossbars of small degree) we propose arranging switches into a novel *n*-dim ...

8 Dynamic wavelength routing using congestion and neighborhood information 96%
Ling Li , Arun K. Somani
IEEE/ACM Transactions on Networking (TON) October 1999
Volume 7 Issue 5

9 A virtual circuit deflection protocol 96%
Emmanouel A. Varvarigos , Jonathan P. Lang
IEEE/ACM Transactions on Networking (TON) June 1999
Volume 7 Issue 3

10 Illuminating light: an optical design tool with a luminous-tangible interface 95%
John Underkoffler , Hiroshi Ishii

Proceedings of the SIGCHI conference on Human factors in computing systems January 1998

11 Routing and wavelength assignment in all-optical networks 94%
Rajiv Ramaswami , Kumar N. Sivarajan
IEEE/ACM Transactions on Networking (TON) October 1995
Volume 3 Issue 5

12 All-optical networks with sparse wavelength conversion 94%
Suresh Subramaniam , Murat Azizo?lu , Arun K. Somani
IEEE/ACM Transactions on Networking (TON) August 1996
Volume 4 Issue 4

13 Some principles for designing a wide-area WDM optical network 92%
Biswanath Mukherjee , Dhritiman Banerjee , S. Ramamurthy , Amarnath Mukherjee
IEEE/ACM Transactions on Networking (TON) October 1996
Volume 4 Issue 5

14 Unslotted deflection routing: a practical and efficient protocol for multihop optical networks 91%
Thierry Chich , Pierre Fraigniaud , Johanne Cohen
IEEE/ACM Transactions on Networking (TON) February 2001
Volume 9 Issue 1

15 Modeling motion blur in computer-generated images 91%
Michael Potmesil , Indranil Chakravarty
Proceedings of the 10th annual conference on Computer graphics and interactive techniques
July 1983
This paper describes a procedure for modeling motion blur in computer-generated images. Motion blur in photography or cinematography is caused by the motion of objects during the finite exposure time the camera shutter remains open to record the image on film. In computer graphics, the simulation of motion blur is useful both in animated sequences where the blurring tends to remove temporal aliasing effects and in static images where it portrays the illusion of speed or movement among the o ...

16 Adaptive wavelength routing in all-optical networks 91%
Ahmed Mokhtar , Murat Azizo?lu
IEEE/ACM Transactions on Networking (TON) April 1998
Volume 6 Issue 2

17 A performance model of deflection routing in multibuffer networks with nonuniform traffic 90%
Joseph Bannister , Flaminio Borgonovo , Luigi Fratta , Mario Gerla
IEEE/ACM Transactions on Networking (TON) October 1995
Volume 3 Issue 5

18 A practical model for subsurface light transport 90%
Henrik Wann Jensen , Stephen R. Marschner , Marc Levoy , Pat Hanrahan
Proceedings of the 28th annual conference on Computer graphics and interactive techniques
August 2001

This paper introduces a simple model for subsurface light transport in translucent materials. The model enables efficient simulation of effects that BRDF models cannot capture, such as color bleeding within materials and diffusion of light across shadow boundaries. The technique is efficient even for anisotropic, highly scattering media that are expensive to simulate using existing methods. The model combines an exact solution for single scattering with a dipole point source diffusion approxi ...

19 A radar simulation program for a 1024-processor hypercube 89%
J. L. Gustafson , R. E. Benner , M. P. Sears , T. D. Sullivan
Proceedings of the 1989 ACM/IEEE conference on Supercomputing August 1989
We have developed a fast parallel version of an existing synthetic aperture radar (SAR) simulation program, SRIM. On a 1024-processor NCUBE hypercube it runs an order of magnitude faster than on a CRAY X-MP or CRAY Y-MP processor. This speed advantage is coupled with an order of magnitude advantage in machine acquisition cost. SRIM is a somewhat large (30,000 lines of Fortran 77) program designed for uniprocessors; its restructuring for a hypercube provides new lessons in the task of alteri ...

20 Virtual-topology adaptation for WDM mesh networks under dynamic traffic 89%
Aysegül Gençata , Biswanath Mukherjee
IEEE/ACM Transactions on Networking (TON) April 2003
Volume 11 Issue 2
We present a new approach to the virtual-topology reconfiguration problem for a wavelength-division-multiplexing-based optical wide-area mesh network under dynamic traffic demand. By utilizing the measured Internet backbone traffic characteristics, we propose an adaptation mechanism to follow the changes in traffic without *a priori* knowledge of the future traffic pattern. Our work differs from most previous studies on this subject which redesign the virtual topology according to an expect ...

1) Enter a single keyword, phrase, or Boolean expression. Example: acoustic imaging (means the phrase acoustic imaging plus any stem variations)
2) Limit your search by using search operators and field codes, if desired.
Example: optical (fiber fibre) ti
3) Limit the results by selecting Search Options.
4) Click Search. See Search Examples

(optic <or> optical <or> laser <or> photo <or> light <or> (photo <near/1> electric) <or> (electro <near/1> photo adj graph)) <near/10> (path <or> beam <or> route <or> trajectory <or> trajectories <or>

Start Search Clear

Note: This function returns plural and suffixed forms of the keyword(s).

Search operators: More

Field codes: au (author), ti (title), ab (abstract), jn (publication name), de (index term) More

Search Options:

Select publication types:

- [x] IEEE Journals
- [x] IEE Journals
- [x] IEEE Conference proceedings
- [x] IEE Conference proceedings
- [x] IEEE Standards

Select years to search:

From year: All to Present

Organize search results by:

Sort by: Relevance
In: Descending order
List 15 Results per page

Your search matched **955** of **945745** documents.

A maximum of **500** results are displayed, **15** to a page, sorted by **Relevance** in **descending** order.
You may refine your search by editing the current search expression or entering a new one the text box.

Then click **Search Again**.

(optic <or> optical <or> laser <or> photo <or> light <or> (photo <near/1> electric) <or

Search Again

Results:
Journal or Magazine = **JNL** Conference = **CNF** Standard = **STD**

1 **Beam optics calculations in very high power microwave tubes**
True, R.;
Electron Devices Meeting, 1991. Technical Digest., International , 8-11 Dec. 1991
Page(s): 403 -406

[Abstract] [PDF Full-Text (276 KB)] **IEEE CNF**

2 **The double-cusp gyro-gun**
Nguyen, K.T.; Smithe, D.N.; Ludeking, L.D.;
Electron Devices Meeting, 1992. Technical Digest., International , 13-16 Dec. 1992
Page(s): 219 -222

[Abstract] [PDF Full-Text (348 KB)] **IEEE CNF**

3 **Superlattice crystal accelerator: acceleration beyond GeV/m**

Bogacz, S.A.;
Particle Accelerator Conference, 1993., Proceedings of the 1993 , 17-20 May 1993
Page(s): 2587 -2589 vol.4

[Abstract] [PDF Full-Text (224 KB)] **IEEE CNF**

4 **3D profile measurement using a cylindrical lens and a CCD**
Shoji, T.; Nishida, Y.;

Instrumentation and Measurement Technology Conference, 1994. IMTC/94. Conference Proceedings. 10th Anniversary. Advanced Technologies in I & M., 1994 IEEE , 10-12 May 1994
Page(s): 1333 -1336 vol.3

[Abstract] [PDF Full-Text (284 KB)] **IEEE CNF**

---

5 **Topology-related upset mechanisms in design hardened storage cells**
Calin, T.; Velazco, R.; Nicolaidis, M.; Moss, S.; LaLumondiere, S.D.; Tran, V.T.; Koga, R.; Clark, K.;
Radiation and Its Effects on Components and Systems, 1997. RADECS 97. Fourth European Conference on , 15-19 Sept. 1997
Page(s): 484 -488

[Abstract] [PDF Full-Text (508 KB)] **IEEE CNF**

---

6 **Magnetic field calculation for a 13 MeV PET cyclotron**
Yang, W.Y.; Yoon, M.; Oh, S.; Chai, J.S.; Ha, J.H.;
Particle Accelerator Conference, 1999. Proceedings of the 1999 , Volume: 4 , 27 March-2 April 1999
Page(s): 2265 -2267 vol.4

[Abstract] [PDF Full-Text (160 KB)] **IEEE CNF**

---

7 **Three-dimensional simulations of electron beams focused by periodic permanent magnets**
Kory, C.L.;
Plasma Science, 1999. ICOPS '99. IEEE Conference Record - Abstracts. 1999 IEEE International Conference on , 20-24 June 1999
Page(s): 91

[Abstract] [PDF Full-Text (211 KB)] **IEEE CNF**

---

8 **The new 3D electron gun and collector modeling tool: MICHELLE**
Petillo, J.; Blanchard, P.; Mondelli, A.; Eppley, K.; Krueger, W.; McClure, T.; Panagos, D.; Levush, B.; Burdette, J.; Cattelino, M.; DeFord, J.; Dionne, N.; Humphries, S., Jr.; Nelson, E.M.; True, R.;
Vacuum Electronics Conference, 2000. Abstracts. International , 2-4 May 2000
Page(s): 2 pp.

[Abstract] [PDF Full-Text (312 KB)] **IEEE CNF**

---

9 **The MICHELLE electron gun and c llect r m deling t l**
Petillo, J.; Eppley, K.; Panagos, D.; Blanchard, P.; Krueger, W.; Mondelli, A.; Saic, T.M.; Lanl, E.N.; Raytheon, N.D.; Precision,

S.H.J.F.; Deford, J.; Star, B.H.; Nrl, B.L.;
Pulsed Power Plasma Science, 2001. IEEE Conference Record - Abstracts , 17-22 June 2001
Page(s): 233

[Abstract] [PDF Full-Text (69 KB)] **IEEE CNF**

---

10 **The MICHELLE electron gun and collector modeling tool**
Petillo, J.; Blanchard, P.; Mondelli, A.; Eppley, K.; Krueger, W.; McClure, T.; Panagos, D.; Levush, B.; Burdette, J.; Cattelino, M.; DeFord, J.; Held, B.; Dionne, N.; Humphries, S., Jr.;
Particle Accelerator Conference, 2001. PAC 2001. Proceedings of the 2001 , Volume: 4 , 18-22 June 2001
Page(s): 3054 -3056 vol.4

[Abstract] [PDF Full-Text (393 KB)] **IEEE CNF**

---

11 **The 3D electron gun and collector modeling tool: MICHELLE**

Petillo, J.; Eppley, K.; Panagos, D.; Blanchard, P.; McClure, T.; Mondelli, A.; Nelson, E.; Dionne, N.; DeFord, J.; Held, B.; Chernyakova, L.; Humphries, S.; Burdette, J.; Cattelino, M.; True, R.; Nguyen, K.; Levush, B.;
Vacuum Electronics Conference, 2002. IVEC 2002. Third IEEE International , 23-25 April 2002
Page(s): 156 -157

[Abstract] [PDF Full-Text (383 KB)] **IEEE CNF**

---

12 **Noise analysis for position-sensitive detectors**
Narayanan, C.; Buckman, A.B.; Busch-Vishniac, I.;
Instrumentation and Measurement, IEEE Transactions on , Volume: 46 Issue: 5 , Oct. 1997
Page(s): 1137 -1144

[Abstract] [PDF Full-Text (704 KB)] **IEEE JNL**

---

13 **Effect of geometric azimuthal asymmetries of PPM stack on electron beam characteristics [TWTs]**
Kory, C.L.;
Electron Devices, IEEE Transactions on , Volume: 48 Issue: 1 , Jan. 2001
Page(s): 38 -44

[Abstract] [PDF Full-Text (136 KB)] **IEEE JNL**

---

14 **The MICHELLE three-dimensi nal electr n gun and**

c llect r m deling t l: the ry and design
Petillo, J.; Eppley, K.; Panagos, D.; Blanchard, P.; Nelson, E.; Dionne, N.; DeFord, J.; Held, B.; Chernyakova, L.; Krueger, W.; Humphries, S.; McClure, T.; Mondelli, A.; Burdette, J.; Cattelino, M.; True, R.; Nguyen, K.T.; Levush, B.;
Plasma Science, IEEE Transactions on , Volume: 30 Issue: 3 , June 2002
Page(s): 1238 -1264

[Abstract] [PDF Full-Text (2117 KB)] **IEEE JNL**

---

15 **A fast algorithm for the simulation of propagation in large-area 2-D photonic crystal devices**
Boscolo, S.; Midrio, M.;
Lightwave Technology, Journal of , Volume: 20 Issue: 10 , Oct. 2002
Page(s): 1869 -1875

[Abstract] [PDF Full-Text (573 KB)] **IEEE JNL**

---

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 [Next]

Home | Log-out | Journals | Conference Proceedings | Standards | Search by Author | Basic Search | Advanced Search
Join IEEE | Web Account | New this week | OPAC Linking Information | Your Feedback | Technical Support | Email Alerting
No Robots Please | Release Notes | IEEE Online Publications | Help | FAQ| Terms | Back to Top

Nothing Found

Your search for **[electrophotography AND simulation]** did not return any results.

You can try to rerun it within the Portal.

You may revise it and try your search again below or click advanced search for more options.

electrophotography AND simulation

SEARCH [Advanced Search] [Search Help/Tips]

Complete Search Help and Tips

The following characters have specialized meaning:

Special Characters	Description
, ( ) [	These characters end a text token.
= > < !	These characters end a text token because they signify the start of a field operator. (! is special: != ends a token.)
` @ \Q < { [!	These characters signify the start of a delimited token. These are terminated by the end character associated with the start character.

Search Results for: **[electrophotography]**
Found **2** of **111,041 searched.** -> Rerun within the Portal

Search within Results

GO > Advanced Search > Search Help/Tips

Sort by: Title Publication Publication Date Score Binder

Results 1 - 2 of 2 short listing

1 A patent search and classification system 77%
Leah S. Larkey
Proceedings of the fourth ACM conference on Digital libraries August 1999

2 Relief characters by micro capsule paper 77%
Nobuyuki Ohtake , Yasuhiko Ogawa , Yoshimichi Yonezawa
ACM SIGCAPH Computers and the Physically Handicapped January 1995
Issue 51
Micro capsule paper has been developed by Yonezawa [6, 7] for tactile pattern. To learn printed Chinese characters (called "Kanji" in Japanese), several relief characters have been prepared to enable the blind to study these complicated printed characters by this micro capsule paper. All prepared characters (alphabet, braille patterns, Kanji) data for micro capsule paper are converted PostScript language[1] by a developed tool. Although this matter has been thought of a local topic in Kanji cult ...

Results 1 - 2 of 2 short listing

Your search matched **84** of **945745** documents.

A maximum of **84** results are displayed, **15** to a page, sorted by **Relevance** in **descending** order.
You may refine your search by editing the current search expression or entering a new one the text box.
Then click **Search Again**.

electrophotography

Search Again

Results:
Journal or Magazine = **JNL** Conference = **CNF** Standard = **STD**

1 **Electroless Ni-P resistors for fusing roll**
Yamada, S.; Tsuruoka, T.; Nakagawa, H.; Kanamori, T.; Shibata, S.;
Electronic Manufacturing Technology Symposium, 1989, Proceedings. Japan IEMT Symposium, Sixth IEEE/CHMT International , 26-28 April 1989
Page(s): 160 -163

[Abstract] [PDF Full-Text (196 KB)] **IEEE CNF**

2 **Pulsed corona charging for electrophotography**
Walgrove, G.R., III;
Industry Applications Society Annual Meeting, 1989., Conference Record of the 1989 IEEE , 1-5 Oct. 1989
Page(s): 2266 -2269 vol.2

[Abstract] [PDF Full-Text (288 KB)] **IEEE CNF**

3 **Simulation of the development process in electrophotography**
Hendriks, F.; Robert, M.P.;
Industry Applications Society Annual Meeting, 1989., Conference Record of the 1989 IEEE , 1-5 Oct. 1989
Page(s): 2248 -2254 vol.2

[Abstract] [PDF Full-Text (444 KB)] **IEEE CNF**

4 **Design of high performance LED printer's vide c ntr ller with Chinese f nts**

Guang-Da Chen; Lin-Sen Wang; Guo-Hua Gong;
Industrial Electronics, 1992., Proceedings of the IEEE International Symposium on , 25-29 May 1992
Page(s): 840 -841 vol.2

[Abstract] [PDF Full-Text (164 KB)] **IEEE CNF**

---

5 **Mechanism of contact charging photoconductor and insulator with DC-biased conductive roller**
Hirakawa, H.; Murata, Y.;
Industry Applications Conference, 1995. Thirtieth IAS Annual Meeting, IAS '95., Conference Record of the 1995 IEEE , Volume: 2 , 8-12 Oct. 1995
Page(s): 1539 -1542 vol.2

[Abstract] [PDF Full-Text (304 KB)] **IEEE CNF**

---

6 **The electrostatic properties of insulating sheets close to a conductor: a review**
Castle, G.S.P.; Inculet, I.I.;
Industry Applications Conference, 1995. Thirtieth IAS Annual Meeting, IAS '95., Conference Record of the 1995 IEEE , Volume: 2 , 8-12 Oct. 1995
Page(s): 1237 -1241 vol.2

[Abstract] [PDF Full-Text (612 KB)] **IEEE CNF**

---

7 **Generation of fine dry toner and its charging characteristics**
Hirakawa, H.; Murata, Y.;
Industry Applications Conference, 1996. Thirty-First IAS Annual Meeting, IAS '96., Conference Record of the 1996 IEEE , Volume: 4 , 6-10 Oct. 1996
Page(s): 2026 -2030 vol.4

[Abstract] [PDF Full-Text (328 KB)] **IEEE CNF**

---

8 **Simultaneous analysis of particle size and electrostatic charge distribution of powder with high accuracy and precision, and its applications to electrostatic processes**
DiVito, W.; Mazumder, M.K.; Wilson, J.D.; Sims, R.A.; Louziu, P.; Ojha, A.; Grable, N.; Chapman, S.;
Industry Applications Conference, 1998. Thirty-Third IAS Annual Meeting. The 1998 IEEE , Volume: 3 , 12-15 Oct. 1998
Page(s): 1892 -1897 vol.3

[Abstract] [PDF Full-Text (564 KB)] **IEEE CNF**

---

9 **Sensitizati n f rganic semic nduct rs f r electr ph t graphy**
Kobotayeva, N.S.; Mikubayeva, E.V.; Svarovskaya, N.V.; Sirotkina, E.E.;
Science and Technology, 2001. KORUS '01. Proceedings. The Fifth Russian-Korean International Symposium on , Volume: 2 , 26 June-3 July 2001
Page(s): 146 -149 vol.2

[Abstract] [PDF Full-Text (317 KB)] **IEEE CNF**

---

10 **Model for a mono-component development process using edge enhancement effects of floating electrodes [electrophotography]**
Takeda, F.; Sakamoto, K.; Kobayashi, K.;
Industry Applications, IEEE Transactions on , Volume: 24 Issue: 2 , March-April 1988
Page(s): 256 -261

[Abstract] [PDF Full-Text (424 KB)] **IEEE JNL**

---

11 **Intermediate conductivities-the crossover function for insulative and conductive two-component magnetic brush development in electrophotography**
Folkins, J.J.;
Industry Applications, IEEE Transactions on , Volume: 24 Issue: 2 , March-April 1988
Page(s): 250 -255

[Abstract] [PDF Full-Text (536 KB)] **IEEE JNL**

---

12 **Electroless Ni-P resistors for fusing roll**
Yamada, S.; Tsuruoka, T.; Nakagana, H.; Kanamori, T.; Shibata, S.;
Components, Hybrids, and Manufacturing Technology, IEEE Transactions on [see also IEEE Trans. on Components, Packaging, and Manufacturing Technology, Part A, B, C] , Volume: 13 Issue: 3 , Sept. 1990
Page(s): 576 -578

[Abstract] [PDF Full-Text (184 KB)] **IEEE JNL**

---

13 **Characterizati n f Ba - Zn Ferrite Carriers f r Electr ph t graphy**
Harada, H.; Iimura, T.; Eguchi, K.;
Components, Hybrids, and Manufacturing Technology, IEEE Transactions on [see also IEEE Trans. on Components, Packaging, and Manufacturing Technology, Part A, B, C] , Volume: 9 Issue: 2 ,

Jun 1986
Page(s): 202 -208

[Abstract] [PDF Full-Text (1720 KB)] **IEEE JNL**

---

14 **Interpretation of transient photocurrent-time profiles in multilayer semi-insulators**
Vaezi-Nejad, S.M.;
Dielectric Materials, Measurements and Applications, 1988., Fifth International Conference on , 27-30 Jun 1988
Page(s): 274 -278

[Abstract] [PDF Full-Text (244 KB)] **IEE CNF**

---

15 **Time resolved studies of electronic transport in polymeric insulators**
Abkowitz, M.;
Conduction and Breakdown in Solid Dielectrics, 1989., Proceedings of the 3rd International Conference on , 3-6 July 1989
Page(s): 1 -9

[Abstract] [PDF Full-Text (320 KB)] **IEEE CNF**

---

1 2 3 4 5 6 [Next]

Home | Log-out | Journals | Conference Proceedings | Standards | Search by Author | Basic Search | Advanced Search
Join IEEE | Web Account | New this week | OPAC Linking Information | Your Feedback | Technical Support | Email Alerting
No Robots Please | Release Notes | IEEE Online Publications | Help | FAQ| Terms | Back to Top

Your search matched **26** of **945745** documents.

A maximum of **26** results are displayed, **25** to a page, sorted by **Relevance** in **descending** order.
You may refine your search by editing the current search expression or entering a new one the text box.
Then click **Search Again**.

(optic <or> optical <or> laser <or> photo <or> light <or> (photo <near/1> electric) <or

Search Again

Results:
Journal or Magazine = **JNL** Conference = **CNF** Standard = **STD**

1 **Precision single-axis motion control system with friction compensation**
El-Roy, A.; Friedland, B.;
American Control Conference, 1995. Proceedings of the , Volume: 5 , 21-23 June 1995
Page(s): 3299 -3302 vol.5

[Abstract] [PDF Full-Text (292 KB)] **IEEE CNF**

2 **Plastic solder paste stencil for surface mount technology**
Wong, C.K.; Waldorf, D.J.; Rinzel, L.;
Electronics Manufacturing Technology Symposium, 2000. Twenty-Sixth IEEE/CPMT International , 2-3 Oct 2000
Page(s): 294 -304

[Abstract] [PDF Full-Text (884 KB)] **IEEE CNF**

3 **Am29000 thermal evaluation in laser beam printer applications, in-system real-time measurements for ICC and power calculations**
Disko, D.; Durand, J.;
Semiconductor Thermal Measurement and Management Symposium, 1993. SEMI-THERM IX., Ninth Annual IEEE , 2-4 Feb. 1993
Page(s): 35 -41

[Abstract] [PDF Full-Text (468 KB)] **IEEE CNF**

4 **S lder paste print qualification using laser triangulati n**

Lathrop, R.R., Jr.;
Components, Packaging, and Manufacturing Technology, Part C, IEEE Transactions on [see also Components, Hybrids, and Manufacturing Technology, IEEE Transactions on] , Volume: 20 Issue: 3 , July 1997
Page(s): 174 -182

[Abstract] [PDF Full-Text (544 KB)] **IEEE JNL**

---

5 **Laser-induced, plasma-based, non-contact electrical testing of functional hardware**
Millard, D.; Block, R.; Umstader, K.;
Electronics Manufacturing Technology Symposium, 1991., Eleventh IEEE/CHMT International , 16-18 Sept. 1991
Page(s): 215 -217

[Abstract] [PDF Full-Text (236 KB)] **IEEE CNF**

---

6 **A 0.15 μm KrF lithography for 1 Gb DRAM product using highly printable patterns and thin resist process**
Ozaki, T.; Azuma, T.; Itoh, M.; Kawamura, D.; Tanaka, S.; Ishibashi, Y.; Shiratake, S.; Kyoh, S.; Kondoh, T.; Inoue, S.; Tsuchida, K.; Kohyama, Y.; Onishi, Y.;
VLSI Technology, 1998. Digest of Technical Papers. 1998 Symposium on , 9-11 June 1998
Page(s): 84 -85

[Abstract] [PDF Full-Text (444 KB)] **IEEE CNF**

---

7 **Laser drilling of microvias in epoxy-glass printed circuit boards**
Kestenbaum, A.; D'Amico, J.F.; Blumenstock, B.J.; DeAngelo, M.A.;
Components, Hybrids, and Manufacturing Technology, IEEE Transactions on [see also IEEE Trans. on Components, Packaging, and Manufacturing Technology, Part A, B, C] , Volume: 13 Issue: 4 , Dec. 1990
Page(s): 1055 -1062

[Abstract] [PDF Full-Text (1196 KB)] **IEEE JNL**

---

8 **Installation and testing of laser projection imaging system for fine-line PCB production**
Danzer, J.; Zemel, M.; Nunes, C.;
Electronic Components and Technology Conference, 2002. Proceedings. 52nd , 28-31 May 2002
Page(s): 681 -685

[Abstract] [PDF Full-Text (668 KB)] **IEEE CNF**

---

9 **When air bec mes an electrical pathway**
Umstadter, K.R.; Millard, D.L.; Block, R.C.;
Plasma Science, 1997. IEEE Conference Record - Abstracts., 1997 IEEE International Conference on , 19-22 May 1997
Page(s): 125 -126

[Abstract] [PDF Full-Text (176 KB)] **IEEE CNF**

---

10 **Combining soldering with inspection**
Vanzetti, R.; Traub, A.C.;
Control Systems Magazine, IEEE , Volume: 8 Issue: 5 , Oct. 1988
Page(s): 29 -32

[Abstract] [PDF Full-Text (348 KB)] **IEEE JNL**

---

11 **High-speed triangulation-based 3-D imaging with orthonormal data projections and error detection**
Harrison, D.D.; Weir, M.P.;
Pattern Analysis and Machine Intelligence, IEEE Transactions on , Volume: 12 Issue: 4 , April 1990
Page(s): 409 -416

[Abstract] [PDF Full-Text (760 KB)] **IEEE JNL**

---

12 **Noncontact testing of circuits via a laser-induced plasma electrical pathway**
Millard, D.L.; Umstadter, K.R.; Block, R.C.;
Design & Test of Computers, IEEE , Volume: 9 Issue: 1 , March 1992
Page(s): 55 -63

[Abstract] [PDF Full-Text (608 KB)] **IEEE JNL**

---

13 **Applications of a laser-induced plasma pathway to testing of electronic modules**
Umstadter, K.R.; Millard, D.L.; Block, R.C.;
Design & Test of Computers, IEEE , Volume: 10 Issue: 1 , March 1993

Page(s): 67 -72

[Abstract] [PDF Full-Text (548 KB)] **IEEE JNL**

---

14 **Selection f IR detect rs f r a fast laser s ldering pr cess with simultane us s lder j int qualificati n**

Nicolics, J.; Schrottmayer, D.; Musiejovsky, L.;
Components, Packaging, and Manufacturing Technology, Part B: Advanced Packaging, IEEE Transactions on [see also Components, Hybrids, and Manufacturing Technology, IEEE Transactions on] , Volume: 17 Issue: 4 , Nov. 1994
Page(s): 596 -602

[Abstract] [PDF Full-Text (632 KB)] **IEEE JNL**

---

15 **PC-controlled laser diode system application**
Chi-Jeng Chang; Pei-Yung Hsiao; Pol-Hui Yang; Shu-tung Jane;
Industry Applications, IEEE Transactions on , Volume: 35 Issue: 2 , March-April 1999
Page(s): 395 -398

[Abstract] [PDF Full-Text (312 KB)] **IEEE JNL**

---

16 **A real-time electro-optic handy probe using a continuous-wave laser**
Shinagawa, M.; Nagatsurria, T.; Ohno, K.; Jin, Y.;
Instrumentation and Measurement, IEEE Transactions on , Volume: 50 Issue: 5 , Oct. 2001
Page(s): 1076 -1080

[Abstract] [PDF Full-Text (320 KB)] **IEEE JNL**

---

17 **Electrophotographic process embedded in direct binary search**
Kacker, D.; Camis, T.; Allebach, J.P.;
Image Processing, IEEE Transactions on , Volume: 11 Issue: 3 , March 2002
Page(s): 243 -257

[Abstract] [PDF Full-Text (1331 KB)] **IEEE JNL**

---

18 **STESYS: computer graphics SW supporting semi-automatic, interactive stereology**
Karen, P.; Krekule, I.; Kubinova, L.;
Information Technology Applications in Biomedicine, 1997. ITAB '97., Proceedings of the IEEE Engineering in Medicine and Biology Society Region 8 International Conference , 7-9 Sept. 1997
Page(s): 93 -94

[Abstract] [PDF Full-Text (176 KB)] **IEEE CNF**

---

19 **C mparison f 12 m nth kWh/kWp energy utput testing**

f tw different crystalline silic n cell techn logies with annual sales f ver 20 MWp
Mason, N.B.; Bruton, T.M.;
Photovoltaic Specialists Conference, 2000. Conference Record of the Twenty-Eighth IEEE , 15-22 Sept. 2000
Page(s): 1479 -1482

[Abstract] [PDF Full-Text (292 KB)] **IEEE CNF**

---

20 **Rapid laser-beam reflowing of Pb-free solder foils**
Herbert, F.; Dorn, L.; Shrestha, S.;
Advanced Packaging Materials: Processes, Properties and Interfaces, 2001. Proceedings. International Symposium on , 11-14 March 2001
Page(s): 140 -142

[Abstract] [PDF Full-Text (612 KB)] **IEEE CNF**

---

21 **Reliability investigations of different tape metallizations for TAB-outer lead bonding**
Zakel, E.; Azdasht, G.; Kruppa, P.; Reichl, H.;
Components, Packaging, and Manufacturing Technology, Part B: Advanced Packaging, IEEE Transactions on [see also Components, Hybrids, and Manufacturing Technology, IEEE Transactions on] , Volume: 17 Issue: 4 , Nov. 1994
Page(s): 537 -546

[Abstract] [PDF Full-Text (828 KB)] **IEEE JNL**

---

22 **An automated pick-place laser soldering process for electronics assembly**
Beckett, P.M.; Fleming, A.R.; Foster, R.J.; Gilbert, J.M.; Polijanczuk, A.V.; Whitehead, D.G.;
Electronic Components and Technology Conference, 1994. Proceedings., 44th , 1-4 May 1994
Page(s): 1079 -1081

[Abstract] [PDF Full-Text (288 KB)] **IEEE CNF**

---

23 **LSM vision gage R&R study**
Messina, W.S.; Willey, L.G.; Jones, K.W., Jr.;
Electronics Manufacturing Technology Symposium, 1995. 'Manufacturing Technologies - Present and Future', Seventeenth IEEE/CPMT International , 2-4 Oct. 1995
Page(s): 402 -409

[Abstract] [PDF Full-Text (424 KB)] **IEEE CNF**

---

24 **Quasi- ptical c mp nents and subsystems f r c mmunicati ns**
Popovic, Z.; Schoenberg, J.; Mader, T.; Shiroma, W.; Hollung, S.; Markovic, M.; Dixon, J.;
Signals, Systems, and Electronics, 1995. ISSSE '95, Proceedings., 1995 URSI International Symposium on , 25-27 Oct. 1995
Page(s): 93 -98

[Abstract] [PDF Full-Text (448 KB)] **IEEE CNF**

---

25 **Unidirectional bulk acoustic wave excitation by scanning interference fringes and its application to acoustical imagings**
Nishino, H.; Tsukahara, Y.; Cho, H.; Sato, H.; Yamanaka, K.;
Ultrasonics Symposium, 1995. Proceedings., 1995 IEEE , Volume: 1 , 7-10 Nov. 1995
Page(s): 673 -678 vol.1

[Abstract] [PDF Full-Text (380 KB)] **IEEE CNF**

---

1 2 [Next]

Home | Log-out | Journals | Conference Proceedings | Standards | Search by Author | Basic Search | Advanced Search
Join IEEE | Web Account | New this week | OPAC Linking Information | Your Feedback | Technical Support | Email Alerting
No Robots Please | Release Notes | IEEE Online Publications | Help | FAQ| Terms | Back to Top

Your search matched **4** of **945745** documents.

A maximum of **4** results are displayed, **15** to a page, sorted by **Relevance** in **descending** order.
You may refine your search by editing the current search expression or entering a new one the text box.
Then click **Search Again**.

(optic <or> optical <or> laser <or> photo <or> light <or> (photo <near/1> electric) <or

Search Again

Results:
Journal or Magazine = **JNL** Conference = **CNF** Standard = **STD**

1 **Am29000 thermal evaluation in laser beam printer applications, in-system real-time measurements for ICC and power calculations**
Disko, D.; Durand, J.;
Semiconductor Thermal Measurement and Management Symposium, 1993. SEMI-THERM IX., Ninth Annual IEEE , 2-4 Feb. 1993
Page(s): 35 -41

[Abstract] [PDF Full-Text (468 KB)] **IEEE CNF**

2 **A 0.15 μm KrF lithography for 1 Gb DRAM product using highly printable patterns and thin resist process**
Ozaki, T.; Azuma, T.; Itoh, M.; Kawamura, D.; Tanaka, S.; Ishibashi, Y.; Shiratake, S.; Kyoh, S.; Kondoh, T.; Inoue, S.; Tsuchida, K.; Kohyama, Y.; Onishi, Y.;
VLSI Technology, 1998. Digest of Technical Papers. 1998 Symposium on , 9-11 June 1998
Page(s): 84 -85

[Abstract] [PDF Full-Text (444 KB)] **IEEE CNF**

3 **Installation and testing of laser projection imaging system for fine-line PCB production**
Danzer, J.; Zemel, M.; Nunes, C.;
Electronic Components and Technology Conference, 2002. Proceedings. 52nd , 28-31 May 2002
Page(s): 681 -685

[Abstract] [PDF Full-Text (668 KB)] **IEEE CNF**

4 **Electr ph t graphic pr cess embedded in direct binary search**

Kacker, D.; Camis, T.; Allebach, J.P.;

Image Processing, IEEE Transactions on , Volume: 11 Issue: 3 , March 2002

Page(s): 243 -257

[Abstract] [PDF Full-Text (1331 KB)] **IEEE JNL**

Home | Log-out | Journals | Conference Proceedings | Standards | Search by Author | Basic Search | Advanced Search
Join IEEE | Web Account | New this week | OPAC Linking Information | Your Feedback | Technical Support | Email Alerting
No Robots Please | Release Notes | IEEE Online Publications | Help | FAQ| Terms | Back to Top

Try the *new* Portal design
Give us your opinion after using it.

Search DL optical AND path AND simulation → GO > Advanced Search > Search Help

ACM Digital Library

A half century of pioneering concepts and fundamental research have been digitized and indexed in a variety of ways in this special collection of works published by ACM since its inception. The ACM Digital Library includes bibliographic information, abstracts, reviews, and full texts.

Digital Library Overview

- What's New
- FAQ
- DL Pearls
- Content and Organization
- Terms of Usage
- Resources from Affiliated Organizations

Browse the Digital Library

- Journals
- Magazines
- Transactions
- Proceedings
- Newsletters
- Publications by Affiliated Organizations

- Special Interest Groups (SIGs)

Personalized Services

My Bookshelf	Custom collections. Personal virtual Journals. Intelligent agent searches. Collaborative filtering.

Online Computing Reviews Service

OCRS	Access critical reviews of the computing literature using the Online Computing Reviews Service.

Subscription and Access Information

> Access Information
> Individual Subscriptions
> Institutional Subscriptions
> Document Delivery Service

Read the ACM Privacy Policy and Code of Ethics
Questions? Comments? Contact webmaster@acm.org
Call: 1.800.342.6626 (USA & Canada) or +212.626.0500 (Global)
Write: ACM, 1515 Broadway, New York, NY 10036, USA

Search Results

Search Results for: **[NOT network<AND>((optical AND path AND simulation))]**
Found **294** of **111,041 searched.** → Rerun within the Portal

Warning: Maximum result set of 200 exceeded. Consider refining.

Search within Results

Sort by: Title Publication Publication Date Score

Results 1 - 20 of 200 short listing

Prev Page 1 2 3 4 5 6 7 8 9 10 Next Page

1 Modeling motion blur in computer-generated images 91%
Michael Potmesil , Indranil Chakravarty
Proceedings of the 10th annual conference on Computer graphics and interactive techniques
July 1983
This paper describes a procedure for modeling motion blur in computer-generated images. Motion blur in photography or cinematography is caused by the motion of objects during the finite exposure time the camera shutter remains open to record the image on film. In computer graphics, the simulation of motion blur is useful both in animated sequences where the blurring tends to remove temporal aliasing effects and in static images where it portrays the illusion of speed or movement among the o ...

2 A practical model for subsurface light transport 90%
Henrik Wann Jensen , Stephen R. Marschner , Marc Levoy , Pat Hanrahan
Proceedings of the 28th annual conference on Computer graphics and interactive techniques
August 2001

This paper introduces a simple model for subsurface light transport in translucent materials. The model enables efficient simulation of effects that BRDF models cannot capture, such as color bleeding within materials and diffusion of light across shadow boundaries. The technique is efficient even for anisotropic, highly scattering media that are expensive to simulate using existing methods. The model combines an exact solution for single scattering with a dipole point source diffusion approxi ...

3 Physically-based simulation: A survey of the modelling and rendering of the earth's atmosphere 89%
Jaroslav Sloup

Proceedings of the 18th spring conference on Computer graphics April 2002
One of the extensively researched fields in todays computer graphics are techniques for simulation and visualisation of various natural phenomena. This state of the art report is a survey of the methods for modelling and rendering of the cloudless Earth's atmosphere and related light effects. A physically based lighting model describing the light propagation through the atmosphere is presented. The model takes into account absorption and scattering by particles suspended in the atmosphere and ca ...

4 Display of the earth taking into account atmospheric scattering 88%
Tomoyuki Nishita , Takao Sirai , Katsumi Tadamura , Eihachiro Nakamae
Proceedings of the 20th annual conference on Computer graphics and interactive techniques September 1993

5 Movie-maps: An application of the optical videodisc to computer graphics 88%
Andrew Lippman
Proceedings of the 7th annual conference on Computer graphics and interactive techniques July 1980
An interactive, dynamic map has been built using videodisc technology to engage the user in a simulated “drive” through an unfamiliar space. The driver, or map reader, is presented with either sparsely sampled sequences of images taken by single frame cameras that replicate actual imagery from a space, or with computer synthesized replicas of those images. The reader may control the speed, route, angle of view and mode of presentation of this information and may thus tour the ar ...

6 Monte Carlo evaluation of non-linear scattering equations for subsurface reflection 88%
Matt Pharr , Pat Hanrahan
Proceedings of the 27th annual conference on Computer graphics and interactive techniques July 2000
We describe a new mathematical framework for solving a wide variety of rendering problems based on a non-linear integral scattering equation. This framework treats the scattering functions of complex aggregate objects as first-class rendering primitives; these scattering functions accurately account for all scattering events inside them. We also describe new techniques for computing scattering functions from the composition of scattering objects. We demonstrate that solution techniques base ...

7 The HiBall Tracker: high-performance wide-area tracking for virtual and augmented environments 87%
Greg Welch , Gary Bishop , Leandra Vicci , Stephen Brumback , Kurtis Keller , D'nardo Colucci
Proceedings of the ACM symposium on Virtual reality software and technology December 1999
Our HiBall Tracking System generates over 2000 head-pose estimates per second with less than one millisecond of latency, and less than 0.5 millimeters and 0.02 degrees of position and orientation noise, everywhere in a 4.5 by 8.5 meter room. The system is remarkably responsive and robust, enabling VR applications and experiments that previously would have been difficult or even impossible.Previously we published descriptions of only the Kalman filter-based software approach that ...

8 Design for manufacturability and global routing: A cost-driven lithographic correction methodology based on off-the-shelf sizing tools 85%

P. Gupta , A. B. Kahng , D. Sylvester , J. Yang
Proceedings of the 40th conference on Design automation June 2003
As minimum feature sizes continue to shrink, patterned features have become significantly smaller than the wavelength of light used in optical lithography. As a result, the requirement for dimensional variation control, especially in critical dimension (CD) 3?, has become more stringent. To meet these requirements, resolution enhancement techniques (RET) such as optical proximity correction (OPC) and phase shift mask (PSM) technology are applied. These approaches result in a substantial inc ...

9 Adjoint equations and random walks for illumination computation 85%
S. N. Pattanaik , S. P. Mudur
ACM Transactions on Graphics (TOG) January 1995
Volume 14 Issue 1
In this paper we introduce the potential equation that along with the rendering equation forms an adjoint system of equations and provides a mathematical frame work for all known approaches to illumination computation based on geometric optics. The potential equation is more natural for illumination computations that simulate light propagation starting from the light sources, such as progressive radiosity and particle tracing. Using the mathematical handles provided by this framework and th ...

10 Image-based motion blur for stop motion animation 85%
Gabriel J. Brostow , Irfan Essa
Proceedings of the 28th annual conference on Computer graphics and interactive techniques August 2001

Stop motion animation is a well-established technique where still pictures of static scenes are taken and then played at film speeds to show motion. A major limitation of this method appears when fast motions are desired; most motion appears to have sharp edges and there is no visible motion blur. Appearance of motion blur is a strong perceptual cue, which is automatically present in live-action films, and synthetically generated in animated sequences. In this paper, we present an approach fo ...

11 Scanning physical interaction behavior of 3D objects 85%
Dinesh K. Pai , Kees van den Doel , Doug L. James , Jochen Lang , John E. Lloyd , Joshua L. Richmond , Som H. Yau
Proceedings of the 28th annual conference on Computer graphics and interactive techniques August 2001

We describe a system for constructing computer models of several aspects of physical interaction behavior, by scanning the response of real objects. The behaviors we can successfully scan and model include deformation response, contact textures for interaction with force-feedback, and contact sounds. The system we describe uses a highly automated robotic facility that can scan behavior models of whole objects. We provide a comprehensive view of the modeling process, including selection of mod ...

12 Virtual voyage: interactive navigation in the human colon 85%
Lichan Hong , Shigeru Muraki , Arie Kaufman , Dirk Bartz , Taosong He
Proceedings of the 24th annual conference on Computer graphics and interactive techniques August 1997

13 V-buffer: visible volume rendering 84%
Craig Upson , Michael Keeler
ACM SIGGRAPH Computer Graphics , Proceedings of the 15th annual conference on Computer graphics and interactive techniques June 1988
Volume 22 Issue 4

14 A practical analytic model for daylight 84%
A. J. Preetham , Peter Shirley , Brian Smits
Proceedings of the 26th annual conference on Computer graphics and interactive techniques July 1999

15 Computing physical maps of chromosomes with nonoverlapping probes by branch-and-cut 84%
Thomas Christof , John Kececioglu
Proceedings of the third annual international conference on Computational molecular biology April 1999

16 Wavelength dependent reflectance functions 84%
Jay S. Gondek , Gary W. Meyer , Jonathan G. Newman
Proceedings of the 21st annual conference on Computer graphics and interactive techniques July 1994
A wavelength based bidirectional reflectance function is developed for use in realistic image synthesis. A geodesic sphere is employed to represent the BRDF, and a novel data structure is used to store this description and to recall it for rendering purposes. A virtual goniospectrophotometer is implemented by using a Monte Carlo ray tracer to cast rays into a surface. An optics model that incorporates phase is used in the ray tracer to simulate interference effects. An adaptive subdivision ...

17 Session P11: visualization systems and image-based visualization: Sea of images 83%
Daniel G. Aliaga , Thomas Funkhouser , Dimah Yanovsky , Ingrid Carlbom
Proceedings of the conference on Visualization '02 October 2002
A long-standing research problem in computer graphics is to reproduce the visual experience of walking through a large photorealistic environment interactively. On one hand, traditional geometry-based rendering systems fall short of simulating the visual realism of a complex environment. On the other hand, image-based rendering systems have to date been unable to capture and store a sampled representation of a large environment with complex lighting and visibility effects.In this paper, we prese ...

18 A framework for realistic image synthesis 83%
Donald P. Greenberg , Kenneth E. Torrance , Peter Shirley , James Arvo , Eric Lafortune , James A. Ferwerda , Bruce Walter , Ben Trumbore , Sumanta Pattanaik , Sing-Choong Foo
Proceedings of the 24th annual conference on Computer graphics and interactive techniques August 1997

19 A realistic camera model for computer graphics 83%
Craig Kolb , Don Mitchell , Pat Hanrahan
Proceedings of the 22nd annual conference on Computer graphics and interactive techniques September 1995

20 Theory and application of specular path perturbation 83%

Min Chen , James Arvo

ACM Transactions on Graphics (TOG) October 2000

Volume 19 Issue 4

In this paper we apply perturbation methods to the problem of computing specular reflections in curved surfaces. The key idea is to generate families of closely related optical paths by expanding a given path into a high-dimensional Taylor series. Our path perturbation method is based on closed-form expressions for linear and higher-order approximations of ray paths, which are derived using Fermat's Variation Principle and the Implicit Function Theorem (IFT). The perturbation formula presen ...

Results 1 - 20 of 200 short listing

Prev Page 1 2 3 4 5 6 7 8 9 10 Next Page

Your search matched **26** of **945745** documents.

A maximum of **26** results are displayed, **25** to a page, sorted by **Relevance** in **descending** order.
You may refine your search by editing the current search expression or entering a new one the text box.
Then click **Search Again**.

(optic <or> optical <or> laser <or> photo <or> light <or> (photo <near/1> electric) <or

Search Again

Results:
Journal or Magazine = **JNL** Conference = **CNF** Standard = **STD**

1 **Precision single-axis motion control system with friction compensation**
El-Roy, A.; Friedland, B.;
American Control Conference, 1995. Proceedings of the , Volume: 5 , 21-23 June 1995
Page(s): 3299 -3302 vol.5

[Abstract] [PDF Full-Text (292 KB)] **IEEE CNF**

2 **Plastic solder paste stencil for surface mount technology**
Wong, C.K.; Waldorf, D.J.; Rinzel, L.;
Electronics Manufacturing Technology Symposium, 2000. Twenty-Sixth IEEE/CPMT International , 2-3 Oct 2000
Page(s): 294 -304

[Abstract] [PDF Full-Text (884 KB)] **IEEE CNF**

3 **Am29000 thermal evaluation in laser beam printer applications, in-system real-time measurements for ICC and power calculations**
Disko, D.; Durand, J.;
Semiconductor Thermal Measurement and Management Symposium, 1993. SEMI-THERM IX., Ninth Annual IEEE , 2-4 Feb. 1993
Page(s): 35 -41

[Abstract] [PDF Full-Text (468 KB)] **IEEE CNF**

4 **S lder paste print qualificati n using laser triangulati n**

Lathrop, R.R., Jr.;
Components, Packaging, and Manufacturing Technology, Part C, IEEE Transactions on [see also Components, Hybrids, and Manufacturing Technology, IEEE Transactions on] , Volume: 20 Issue: 3 , July 1997
Page(s): 174 -182

[Abstract] [PDF Full-Text (544 KB)] **IEEE JNL**

---

5 **Laser-induced, plasma-based, non-contact electrical testing of functional hardware**
Millard, D.; Block, R.; Umstader, K.;
Electronics Manufacturing Technology Symposium, 1991., Eleventh IEEE/CHMT International , 16-18 Sept. 1991
Page(s): 215 -217

[Abstract] [PDF Full-Text (236 KB)] **IEEE CNF**

---

6 **A 0.15 μm KrF lithography for 1 Gb DRAM product using highly printable patterns and thin resist process**
Ozaki, T.; Azuma, T.; Itoh, M.; Kawamura, D.; Tanaka, S.; Ishibashi, Y.; Shiratake, S.; Kyoh, S.; Kondoh, T.; Inoue, S.; Tsuchida, K.; Kohyama, Y.; Onishi, Y.;
VLSI Technology, 1998. Digest of Technical Papers. 1998 Symposium on , 9-11 June 1998
Page(s): 84 -85

[Abstract] [PDF Full-Text (444 KB)] **IEEE CNF**

---

7 **Laser drilling of microvias in epoxy-glass printed circuit boards**
Kestenbaum, A.; D'Amico, J.F.; Blumenstock, B.J.; DeAngelo, M.A.;
Components, Hybrids, and Manufacturing Technology, IEEE Transactions on [see also IEEE Trans. on Components, Packaging, and Manufacturing Technology, Part A, B, C] , Volume: 13 Issue: 4 , Dec. 1990
Page(s): 1055 -1062

[Abstract] [PDF Full-Text (1196 KB)] **IEEE JNL**

---

8 **Installation and testing of laser projection imaging system for fine-line PCB production**
Danzer, J.; Zemel, M.; Nunes, C.;
Electronic Components and Technology Conference, 2002. Proceedings. 52nd , 28-31 May 2002
Page(s): 681 -685

[Abstract] [PDF Full-Text (668 KB)] **IEEE CNF**

9 **When air bec mes an electrical pathway**
Umstadter, K.R.; Millard, D.L.; Block, R.C.;
Plasma Science, 1997. IEEE Conference Record - Abstracts., 1997 IEEE International Conference on , 19-22 May 1997
Page(s): 125 -126

[Abstract] [PDF Full-Text (176 KB)] **IEEE CNF**

10 **Combining soldering with inspection**
Vanzetti, R.; Traub, A.C.;
Control Systems Magazine, IEEE , Volume: 8 Issue: 5 , Oct. 1988
Page(s): 29 -32

[Abstract] [PDF Full-Text (348 KB)] **IEEE JNL**

11 **High-speed triangulation-based 3-D imaging with orthonormal data projections and error detection**
Harrison, D.D.; Weir, M.P.;
Pattern Analysis and Machine Intelligence, IEEE Transactions on , Volume: 12 Issue: 4 , April 1990
Page(s): 409 -416

[Abstract] [PDF Full-Text (760 KB)] **IEEE JNL**

12 **Noncontact testing of circuits via a laser-induced plasma electrical pathway**
Millard, D.L.; Umstadter, K.R.; Block, R.C.;
Design & Test of Computers, IEEE , Volume: 9 Issue: 1 , March 1992
Page(s): 55 -63

[Abstract] [PDF Full-Text (608 KB)] **IEEE JNL**

13 **Applications of a laser-induced plasma pathway to testing of electronic modules**
Umstadter, K.R.; Millard, D.L.; Block, R.C.;
Design & Test of Computers, IEEE , Volume: 10 Issue: 1 , March 1993

Page(s): 67 -72

[Abstract] [PDF Full-Text (548 KB)] **IEEE JNL**

14 **Selecti n f IR detect rs f r a fast laser s ldering pr cess with simultane us s lder j int qualificati n**

Nicolics, J.; Schrottmayer, D.; Musiejovsky, L.;
Components, Packaging, and Manufacturing Technology, Part B: Advanced Packaging, IEEE Transactions on [see also Components, Hybrids, and Manufacturing Technology, IEEE Transactions on] , Volume: 17 Issue: 4 , Nov. 1994
Page(s): 596 -602

[Abstract] [PDF Full-Text (632 KB)] **IEEE JNL**

---

15 **PC-controlled laser diode system application**
Chi-Jeng Chang; Pei-Yung Hsiao; Pol-Hui Yang; Shu-tung Jane;
Industry Applications, IEEE Transactions on , Volume: 35 Issue: 2 , March-April 1999
Page(s): 395 -398

[Abstract] [PDF Full-Text (312 KB)] **IEEE JNL**

---

16 **A real-time electro-optic handy probe using a continuous-wave laser**
Shinagawa, M.; Nagatsurria, T.; Ohno, K.; Jin, Y.;
Instrumentation and Measurement, IEEE Transactions on , Volume: 50 Issue: 5 , Oct. 2001
Page(s): 1076 -1080

[Abstract] [PDF Full-Text (320 KB)] **IEEE JNL**

---

17 **Electrophotographic process embedded in direct binary search**
Kacker, D.; Camis, T.; Allebach, J.P.;
Image Processing, IEEE Transactions on , Volume: 11 Issue: 3 , March 2002
Page(s): 243 -257

[Abstract] [PDF Full-Text (1331 KB)] **IEEE JNL**

---

18 **STESYS: computer graphics SW supporting semi-automatic, interactive stereology**
Karen, P.; Krekule, I.; Kubinova, L.;
Information Technology Applications in Biomedicine, 1997. ITAB '97., Proceedings of the IEEE Engineering in Medicine and Biology Society Region 8 International Conference , 7-9 Sept. 1997
Page(s): 93 -94

[Abstract] [PDF Full-Text (176 KB)] **IEEE CNF**

---

19 **C mparis n f 12 m nth kWh/kWp energy utput testing**

f tw different crystalline silic n cell techn l gies with annual sales f ver 20 MWp
Mason, N.B.; Bruton, T.M.;
Photovoltaic Specialists Conference, 2000. Conference Record of the Twenty-Eighth IEEE , 15-22 Sept. 2000
Page(s): 1479 -1482

[Abstract] [PDF Full-Text (292 KB)] **IEEE CNF**

---

20 **Rapid laser-beam reflowing of Pb-free solder foils**
Herbert, F.; Dorn, L.; Shrestha, S.;
Advanced Packaging Materials: Processes, Properties and Interfaces, 2001. Proceedings. International Symposium on , 11-14 March 2001
Page(s): 140 -142

[Abstract] [PDF Full-Text (612 KB)] **IEEE CNF**

---

21 **Reliability investigations of different tape metallizations for TAB-outer lead bonding**
Zakel, E.; Azdasht, G.; Kruppa, P.; Reichl, H.;
Components, Packaging, and Manufacturing Technology, Part B: Advanced Packaging, IEEE Transactions on [see also Components, Hybrids, and Manufacturing Technology, IEEE Transactions on] , Volume: 17 Issue: 4 , Nov. 1994
Page(s): 537 -546

[Abstract] [PDF Full-Text (828 KB)] **IEEE JNL**

---

22 **An automated pick-place laser soldering process for electronics assembly**
Beckett, P.M.; Fleming, A.R.; Foster, R.J.; Gilbert, J.M.; Polijanczuk, A.V.; Whitehead, D.G.;
Electronic Components and Technology Conference, 1994. Proceedings., 44th , 1-4 May 1994
Page(s): 1079 -1081

[Abstract] [PDF Full-Text (288 KB)] **IEEE CNF**

---

23 **LSM vision gage R&R study**
Messina, W.S.; Willey, L.G.; Jones, K.W., Jr.;
Electronics Manufacturing Technology Symposium, 1995. 'Manufacturing Technologies - Present and Future', Seventeenth IEEE/CPMT International , 2-4 Oct. 1995
Page(s): 402 -409

[Abstract] [PDF Full-Text (424 KB)] **IEEE CNF**

---

24 **Quasi- ptical c mp nents and subsystems f r c mmunicati ns**
Popovic, Z.; Schoenberg, J.; Mader, T.; Shiroma, W.; Hollung, S.; Markovic, M.; Dixon, J.;
Signals, Systems, and Electronics, 1995. ISSSE '95, Proceedings., 1995 URSI International Symposium on , 25-27 Oct. 1995
Page(s): 93 -98

[Abstract] [PDF Full-Text (448 KB)] **IEEE CNF**

---

25 **Unidirectional bulk acoustic wave excitation by scanning interference fringes and its application to acoustical imagings**
Nishino, H.; Tsukahara, Y.; Cho, H.; Sato, H.; Yamanaka, K.;
Ultrasonics Symposium, 1995. Proceedings., 1995 IEEE , Volume: 1 , 7-10 Nov. 1995
Page(s): 673 -678 vol.1

[Abstract] [PDF Full-Text (380 KB)] **IEEE CNF**

---

1 2 [Next]

Home | Log-out | Journals | Conference Proceedings | Standards | Search by Author | Basic Search | Advanced Search
Join IEEE | Web Account | New this week | OPAC Linking Information | Your Feedback | Technical Support | Email Alerting
No Robots Please | Release Notes | IEEE Online Publications | Help | FAQ| Terms | Back to Top

Citation

Annual ACM IEEE Design Automation Conference >archive
Proceedings of the 40th conference on Design automation >toc
2003 , Anaheim, CA, USA

SESSION: Design for manufacturability and global routing >toc

A cost-driven lithographic correction methodology based on off-the-shelf sizing tools

Authors
P. Gupta University of California at San Diego
A. B. Kahng University of California at San Diego
D. Sylvester University of Michigan at Ann Arbor
J. Yang University of Michigan at Ann Arbor

Sponsor
ACM : Association for Computing Machinery

Publisher
ACM Press New York, NY, USA

Pages: 16 - 21 Series-Proceeding-Section-Article
Year of Publication: 2003
ISBN:1-58113-688-9

doi> http://doi.acm.org/10.1145/775832.775840 (Use this link to Bookmark this page)

> full text > abstract > references > index terms > peer to peer

> Discuss > Similar > Review this Article Save to Binder

> BibTex Format

↑ FULL TEXT: Access Rules

pdf 150 KB

↑ ABSTRACT

As minimum feature sizes continue to shrink, patterned features have become significantly smaller than the wavelength of light used in optical lithography. As a result, the requirement for dimensional variation control, especially in critical dimension (CD) 3?, has become more stringent. To meet these requirements, resolution enhancement techniques (RET) such as optical proximity correction (OPC) and phase shift mask

(PSM) technology are applied. These approaches result in a substantial increase in mask costs and make the cost of ownership (COO) a key parameter in the comparison of lithography technologies. No concept of function is injected into the mask flow; that is, current OPC techniques are oblivious to the design intent, and the entire layout is corrected uniformly with the same effort. We propose a novel *minimum cost of correction* (*MinCorr*) methodology to determine the level of correction for each layout feature such that prescribed parametric yield is attained with minimum total RET cost. We highlight potential solutions to the MinCorr problem and give a simple mapping to traditional performance optimization. We conclude with experimental results showing that substantial RET costs may be saved while maintaining a given desired level of parametric yield.

↑ REFERENCES

Note: OCR errors may be found in this Reference List extracted from the full text article. ACM has opted to expose the complete List rather than only correct and linked references.

1 International Technology Roadmap for Semiconductors, December 2001 http://public.itrs.net/

2 Y. Cao, P. Gupta, A.B. Kahng, D. Sylvester and J. Yang, "Design Sensitivities to Variability: Extrapolations and Assessments in Nanometer VLSI", IEEE International ASIC/SOC Conference, 2002, pp. 411--415.

3 "The Outlook for Semiconductor Processes and Manufacturing

4 M.L. Rieger, J.P. Mayhew and S. Panchapakesan, "Layout Design Methodologies for Sub-Wavelength Manufacturing", Proceedings of Design Automation Conference, 2001, pp. 85--92.

5 SEMATECH: Mask Supply Workshop, 2001.

6 Chiang Yang, "Challenges of Mask Cost and Cycle Time", SEMATECH: Mask Supply Workshop, Intel, 2001.

7 W. Carpenter, "International SEMATECH: A Focus on the Photomask Industry", http://www.klatencor.com/company_info/magazine/autumn00/Inter_SEMATECH_photomaskindustry_Aut

8 B. Bruggeman et al., "Microlithography Cost Analysis", Interface Symposium, 1999.

9 S. Murphy, Dupont Photomask, SEMATECH: Mask Supply Workshop, 2001.

10 A. Agarwal, D. Blaauw, V. Zolotov and S. Vrudhula, "Statistical Timing Analysis Using Bounds and Selective Enumeration", ACM/IEEE International Workshop on Timing Issues in the Specification and Synthesis of Digital Systems, 2002, pp. 29--36.

11 Robert R. Kinnison, Applied Extreme Value Statistics, Battelle Press, 1985.

12 W. Chuang, S.S. Sapatnekar and I.N. Hajj, "Delay and Area Optimization for Discrete Gate Sizes under Double-Sided Timing Constraints", Proc. IEEE Custom Integrated Circuits Conference, 1993, pp. 9.4.1--9.4.4.

13 A.E. Dunlop, J.P. Fishburn, D.D. Hill and D.D. Shugard, "Experiments using Automatic Physical Design Techniques for Optimizing Circuit Performance", Proc. IEEE International Symposium on Circuits

and Systems, (2), 1990, pp. 847--851.

14 R. Nair, C.L. Berman, P.S. Hauge and E.J. Yoffa, "Generation of Performance Constraints for Layout", IEEE Transactions on Computer Aided Design, 8(8), 1989, pp. 860--874.

15 M. Sarrafzadeh, D.A. Knol and G.E. Tellez, "A Delay Budgeting Algorithm Ensuring Maximum Flexibility in Placement", IEEE Transactions on Computer Aided Design of Integrated Circuits and Systems, 16(11), 1997, pp. 1332--1341.

16 D. Pramanik, Numerical Technologies Inc., personal communication, November 2002

17 Synopsys Design Compiler, http://www.synopsys.com/products/logic/logic.html

18 P. Buck, ISMT Mask-EDA Workshop, Dupont Photomasks, 2001.

19 K. Wampler, ASML MaskTools, personal communication, March 2003.

20 K. Bowman, Intel Corp., personal communication, April 2003.

↑ INDEX TERMS

Primary Classification:
B. Hardware
↳ **B.7** INTEGRATED CIRCUITS
↳ **B.7.2** Design Aids

Additional Classification:
F. Theory of Computation
↳ **F.2** ANALYSIS OF ALGORITHMS AND PROBLEM COMPLEXITY
↳ **F.2.2** Nonnumerical Algorithms and Problems

J. Computer Applications
↳ **J.6** COMPUTER-AIDED ENGINEERING
↳ **Subjects:** Computer-aided design (CAD)

General Terms:
Algorithms, Design, Reliability, Theory

Keywords:
OPC, RET, VLSI manufacturability, lithography, yield

↑ Peer to Peer - Readers of this Article have also read:

- A VLSI artwork legalization technique based on a new criterion of minimum layout perturbation
  Proceedings of the 1997 international symposium on Physical design
  Fook-Luen Heng , Zhan Chen , Gustavo E. Tellez

- The Complexity of Near-Optimal Graph Coloring
  Journal of the ACM (JACM) 23, 1
  M. R. Garey , D. S. Johnson

- Slicible rectangular graphs and their optimal floorplans
  ACM Transactions on Design Automation of Electronic Systems (TODAES) 6, 4

- Approximation algorithms for NP-complete problems on planar graphs
  Journal of the ACM (JACM) 41, 1
  Brenda S. Baker

- Algorithms for Generating Fundamental Cycles in a Graph
  ACM Transactions on Mathematical Software (TOMS) 8, 1
  Narsingh Deo , G. Prabhu , M. S. Krishnamoorthy

Search Results

Search Results for: [**NOT network<AND>((optical AND path AND simulation))**]
Found **294** of **111,041 searched.** → Rerun within the Portal

Warning: Maximum result set of 200 exceeded. Consider refining.

Search within Results

GO > Advanced Search > Search Help/Tips

Sort by: Title Publication Publication Date Score

Results 21 - 40 of 200 short listing

Prev Page 1 2 3 4 5 6 7 8 9 10 Next Page

21 Ray tracing volume densities 82%
James T. Kajiya , Brian P Von Herzen
Proceedings of the 11th annual conference on Computer graphics and interactive techniques January 1984
This paper presents new algorithms to trace objects represented by densities within a volume grid, e.g. clouds, fog, flames, dust, particle systems. We develop the light scattering equations, discuss previous methods of solution, and present a new approximate solution to the full three-dimensional radiative scattering problem suitable for use in computer graphics. Additionally we review dynamical models for clouds used to make an animated movie.

22 Transparency for computer synthesized images 82%
Douglas Scott Kay , Donald Greenberg
Proceedings of the 6th annual conference on Computer graphics and interactive techniques August 1979
Simple transparency algorithms which assume a linear transparency over an entire surface are the type most often employed to produce computer synthesized images of transparent objects with curved surfaces. Although most of the images created with these algorithms do give the impression of transparency, they usually do not look realistic. One of the most serious problems is that the intensity of the light that is transmitted through the objects is generally not proportional to the amount of ...

23 System optimization: A mass memory system designed for the multi-program/multi-processors users 82%
B. W. Arden , J. Dobbie , D. Zatyko
Proceedings of the 1965 20th national conference August 1965

THE PURPOSE of this paper is to demonstrate why a mass memory subsystem for multi-program operation requires simultaneity in both command and data transfer channels. A hypothetical computer system is discussed which will illustrate the points presented here and in a MAC project1.

24 Light reflection functions for simulation of clouds and dusty surfaces 82%

James F. Blinn

Proceedings of the 9th annual conference on Computer graphics and interactive techniques July 1982

The study of the physical process of light interacting with matter is an important part of computer image synthesis since it forms the basis for calculations of intensities in the picture. The simpler models used in the past are being augmented by more complex models gleaned from the physics literature. This paper is another step in the direction of assimilating such knowledge. It concerns the statistical simulation of light passing through and being reflected by clouds of similar small par ...

25 Towards virtual reality for the masses: 10 years of research at Disney's VR studio 82%

Mark Mine

Proceedings of the workshop on Virtual environments 2003 May 2003

The VR Studio was founded in 1992 to explore the potential of Virtual Reality technology for theme park attractions. This paper presents an overview of the VR Studio's history, from the location-based entertainment attractions developed for DisneyQuest, to research in using virtual reality technology for theme park design. The goal is to present many of the lessons learned during 10 years of building interactive virtual worlds. In particular, the paper will focus on the challenge of creating loc ...

26 Representation and extraction of volumetric attributes using trivariate splines: a mathematical framework 82%

William Martin , Elaine Cohen

Proceedings of the sixth ACM symposium on Solid modeling and applications May 2001

Our goal in this paper is to leverage traditional strengths from the geometric design and scientific visualization communities to produce a tool valuable to both. We present a method for representing and specifying attribute data across a trivariate NURBS volume. Some relevant attribute quantities include material composition and density, optical indices of refraction and dispersion, and data from medical imaging. The method is independent of the granularity of the physical geometry, allowing ...

27 Multikey access methods based on superimposed coding techniques 82%

R. Sacks-Davis , A. Kent , K. Ramamohanarao

ACM Transactions on Database Systems (TODS) November 1987

Volume 12 Issue 4

Both single-level and two-level indexed descriptor schemes for multikey retrieval are presented and compared. The descriptors are formed using superimposed coding techniques and stored using a bit-inversion technique. A fast-batch insertion algorithm for which the cost of forming the bit-inverted file is less than one disk access per record is presented. For large data files, it is shown that the two-level implementation is generally more efficient for queries with a small number of matchin ...

28 Modeling AGV systems 82%
Deborah A. Davis
Proceedings of the 18th conference on Winter simulation December 1986
Computer simulation is often used as an analysis tool during the design of Automated Guided Vehicle (AGV) systems. However, because of the complexities inherent in automated material handling systems, general-purpose simulation languages must be used creatively to capture the desired detail in the model. This paper presents some general concepts which can be used to model AGV systems. Also, some of the critical concerns which must be addressed in a simulation analysis of an AGV system are p ...

29 A 1-V 1-Mb SRAM for portable equipment 82%
H. Morimura , N. Shibata
Proceedings of the 1996 international symposium on Low power electronics and design August 1996

30 Display of clouds taking into account multiple anisotropic scattering and sky light 82%
Tomoyuki Nishita , Yoshinori Dobashi , Eihachiro Nakamae
Proceedings of the 23rd annual conference on Computer graphics and interactive techniques August 1996

31 A virtual environment and model of the eye for surgical simulation 82%
Mark A. Sagar , David Bullivant , Gordon D. Mallinson , Peter J. Hunter
Proceedings of the 21st annual conference on Computer graphics and interactive techniques July 1994
An anatomically detailed 3-D computer graphic model of the eye and surrounding face within a virtual environment has been implemented for use in a surgical simulator. The simulator forms part of a teleoperated micro-surgical robotic system being developed for eye surgery. The model has been designed to both visually and mechanically simulate features of the human eye by coupling computer graphic realism with finite element analysis.The paper gives an overview of the system with e ...

32 Reflection from layered surfaces due to subsurface scattering 82%
Pat Hanrahan , Wolfgang Krueger
Proceedings of the 20th annual conference on Computer graphics and interactive techniques September 1993

33 Particle transport and image synthesis 82%
James Arvo , David Kirk
ACM SIGGRAPH Computer Graphics , Proceedings of the 17th annual conference on Computer graphics and interactive techniques September 1990
Volume 24 Issue 4

34 A facility for rapid computer-aided generation of precision graphics 82%
Harry M. Taxin
Proceedings of the fifth annual 1968 design automation workshop on Design automation July 1968
The growing availability of on-line hardware and software with computer graphics capabilities provides the catalyst for developing more powerful design automation systems needed by the

fourth generation and beyond. This paper will describe the design philosophy, implementation, advantages and limitations of a “design facility” which is currently in its initial period of operation at the Hughes Aircraft Company. The term “design facility” is used here to de ...

35 MCMR: a fluid view on time dependent volume data 82%

Wim de Leeuw , Robert van Liere

Proceedings of the symposium on Data visualisation 2003 May 2003

Mass Conservative Motion Reconstruction is a new method for estimating motion in time dependent volume data. A time dependent vector field representing the movement of the data is computed from a sequence of scalar volume data sets. The principle of mass conservation in a continuum is used during the reconstruction. Standard fiow visualization techniques are used for the visualization of the derived vector field.This paper presents the underlying concepts of MCMR, its implementation, its accurac ...

36 Contributions: focus: new visualization techniques: Practical scientific visualization examples 82%

Russell M. Taylor

ACM SIGGRAPH Computer Graphics February 2000

Volume 34 Issue 1

Scientific visualization has yet to become a discipline founded on well-understood principles. In some cases we have rules of thumb, and there are studies that probe the capabilities and limitations of specific techniques. For the most part, however, visualization consists of a collection of *ad hoc* techniques and lovely examples. This article collects examples where visualization was found to be useful for particular insights or where it enabled new and fruitful types of experiment.

37 An efficient I/O interface for optical disks 82%

Jeffrey S. Vitter

ACM Transactions on Database Systems (TODS) June 1985

Volume 10 Issue 2

We introduce the notion of an I/O interface for optical digital (write-once) disks, which is quite different from earlier research. The purpose of an I/O interface is to allow existing operating systems and application programs that use magnetic disks to use optical disks instead, with minimal change. We define what it means for an I/O interface to be disk-efficient. We demonstrate a practical disk- efficient I/O interface and show that its I/O performance in many cases is optimum, up to a ...

38 Comparison of access methods for time-evolving data 82%

Betty Salzberg , Vassilis J. Tsotras

ACM Computing Surveys (CSUR) June 1999

Volume 31 Issue 2

This paper compares different indexing techniques proposed for supporting efficient access to temporal data. The comparison is based on a collection of important performance criteria, including the space consumed, update processing, and query time for representative queries. The comparison is based on worst-case analysis, hence no assumptions on data distribution or query frequencies are made. When a number of methods have the same asymptotic worst-case behavior, features in the methods tha ...

39 Video based human animation technique 82%

Xiaoming Liu , Yueting Zhuang , Yunhe Pan

Proceedings of the seventh ACM international conference on Multimedia (Part 1) October 1999

Human animation is a challenging domain in computer animation. To aim at many shortcomings in conventional techniques, this paper proposes a new video based human animation technique. Given a clip of video, firstly human joints are tracked with the support of Kalman filter and morph-block based match in the image sequence. Then corresponding sequence of three-dimension (3D) human motion skeleton is constructed under the perspective projection using camera calibration and human anatomy knowl ...

40 A perceptually based adaptive sampling algorithm 82%

Mark R. Bolin , Gary W. Meyer

Proceedings of the 25th annual conference on Computer graphics and interactive techniques July 1998

Results 21 - 40 of 200 short listing

Prev Page 1 2 3 4 5 6 7 8 9 10 Next Page

Your search matched **26** of **945745** documents.

A maximum of **26** results are displayed, **25** to a page, sorted by **Relevance** in **descending** order.
You may refine your search by editing the current search expression or entering a new one the text box.
Then click **Search Again.**

(optic <or> optical <or> laser <or> photo <or> light <or> (photo <near/1> electric) <or

Search Again

Results:
Journal or Magazine = **JNL** Conference = **CNF** Standard = **STD**

26 **3D measurement of thermal deformations on an ultra-high density circuit moduled with a laser range probe**
Gloeckner, P.J.; Kokini, K.; Stevenson, W.H.;
Components, Hybrids, and Manufacturing Technology, IEEE Transactions on [see also IEEE Trans. on Components, Packaging, and Manufacturing Technology, Part A, B, C] , Volume: 15 Issue: 4 , Aug. 1992
Page(s): 571 -577

[Abstract] [PDF Full-Text (468 KB)] **IEEE JNL**

[Prev] 1 2

Home | Log-out | Journals | Conference Proceedings | Standards | Search by Author | Basic Search | Advanced Search
Join IEEE | Web Account | New this week | OPAC Linking Information | Your Feedback | Technical Support | Email Alerting
No Robots Please | Release Notes | IEEE Online Publications | Help | FAQ| Terms | Back to Top